Abstract

All sorts of information today is getting digitized and internet among others is the easiest and a very effective source and host for sharing data. So, it becomes very important to track, protect and monitor the data and maintain its security, confidentiality, data integrity, authentication, robustness and ownership. And, techniques like steganography, watermarking and cryptography help us to do so. In steganography, information is hidden inside the data (like image, audio, video, text) and the confidentiality is maintained as only the sender and the receiver know how to retrace the information. In this paper, a secure way of Audio-Watermarking is implemented using Discrete Wavelet Transform (Haar Wavelet) and Discrete Cosine Transform.

References

Secure Audio Watermarking based on Haar Wavelet and Discrete Cosine Transform


Index Terms

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Keywords

Discrete Wavelet Transform, Discrete Cosine Transform, Arnold Transform.